

Technical Data Sheet

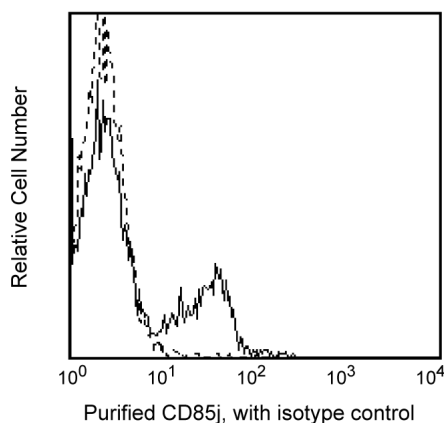
Purified Mouse Anti-Human CD85j**Product Information**

Material Number:	555941
Alternate Name:	CD85
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	GHI/75
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Human
Workshop:	V B032
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

CD85 molecules belong to a large immunoregulatory family and it has been clustered into different subclasses from CD85a to CD85m in the VIIth HLDA workshop. CD85j is also called as Ig-like transcript (ILT2), or leukocyte Ig-like receptor (LIR-1). Reacts with an 110 kDa membrane glycoprotein expressed on a subset of NK cells, which varies amongst individuals, and a subpopulation of T lymphocytes. Expression on T lymphocytes, NK cells may depend on the individuals tested. Function studies show that ligation of ILT2 with MHC class I including HLA-A, B, G1 and -E induces an inhibitory signal via recruitment of SHP-1 phosphatase.

This antibody is routinely tested by flow cytometric analysis and fluorescence microscopy. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Profile of peripheral blood lymphocytes analyzed by flow cytometry

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. Store undiluted at 4° C.

Application Notes**Application**

Flow cytometry	Routinely Tested
Fluorescence microscopy	Tested During Development

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Suggested Companion Products

Catalog Number	Name	Size	Clone
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal
555740	Purified Mouse IgG2b κ Isotype Control	0.1 mg	27-35

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

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